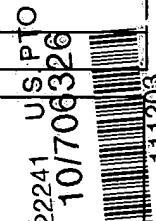


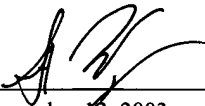


111203

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>  (Only for new nonprovisional applications under 37 CFR 1.53(b))	<i>Title of Invention</i>	Multi-Beam Satellite Communications System
	<i>Named Inventor(s)</i>	Thomas E. Sharon, Thomas S. Taylor, William R. Hafner, Steven H. Rigg, James M. Howell, Thomas W. Glynn, and Dennis L. Kershner
	<i>Attorney Docket</i>	06935.105040
	<i>Express Mail Label No.</i>	EV 330778653



111203

APPLICATION ELEMENTS	ADDRESS TO: Commissioner for Patents Mail Stop Patent Application P.O. Box 1450 Alexandria, VA 22313-1450
<p>1. <input type="checkbox"/> Fee Transmittal Form (Submit an original, and a duplicate for fee processing)</p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification, Claims, and Abstract <span style="float: right;">Total Pages <b>31</b></span></p> <p>4. <input checked="" type="checkbox"/> Drawings <span style="float: right;">Total Sheets <b>20</b></span></p> <p>5. Oath or Declaration <span style="float: right;">Total Pages <b>7</b></span></p> <p>a. <input type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input checked="" type="checkbox"/> Copy from prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed)</p> <p>(i) <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76.</p> <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</p> <p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. Specification Sequence Listing on:</p> <p>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</p> <p>ii. <input type="checkbox"/> paper</p> <p>c. <input type="checkbox"/> Statement verifying identity of above copies</p>	<p><b>ACCOMPANYING APPLICATION PARTS</b></p> <p>9. <input type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p> <p>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney by assignee</p> <p>11. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS) PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations</p> <p>13. <input checked="" type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s)</p> <p>16. <input checked="" type="checkbox"/> Assignee: <u>EMS Technologies, Inc.</u> <u>660 Engineering Drive</u> <u>Norcross, GA 30092-7700</u></p> <p>19. <input checked="" type="checkbox"/> Other: <u>Letter to Official Draftsperson</u></p>
<p>17. If a <b>CONTINUING APPLICATION</b>, check appropriate box and supply the requisite information:</p> <p><input type="checkbox"/> Continuation <input checked="" type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No: 09/576,475</p> <p>Prior application information: Examiner: Edan Orgad Group/Art Unit: 2684</p> <p>For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p>	
<p>18. CORRESPONDENCE ADDRESS:</p> <p>Steven P. Wigmore, Esq. KING &amp; SPALDING LLP 45<sup>th</sup> Floor 191 Peachtree Street, N.E. Atlanta, Georgia 30303</p> <p>By:  Reg. No. <u>40,447</u> Date: <u>November 12, 2003</u> Telephone: <u>404.572.4600</u> Facsimile: <u>404.572.5145</u> Customer No. 20786</p>	

PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	)	
<b>Thomas E. Sharon et al.</b>	)	
	)	
Serial No.: <b>Unassigned</b>	)	Group Art Unit: <b>2684</b>
	)	
Filed: <b>November 12, 2003</b>	)	Examiner: <b>Edan Orgad</b>
	)	
For: <b>Multi-Beam Satellite</b>	)	
<b>Communication System</b>	)	

**LETTER TO OFFICIAL DRAFTSPERSON REQUESTING APPROVAL OF  
SUBSTITUTE FORMAL DRAWINGS**

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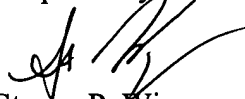
Commissioner for Patents  
Mail Stop Patent Application  
Alexandria, VA 22313-1450

November 12, 2003

Sir:

The Examiner is respectfully requested to approve the attached formal drawings. The originally filed, informal drawings should be replaced with these formal drawings. These formal drawings address the objections made against the originally filed, informal drawings by the PTO Official draftsman in the parent application.

Respectfully submitted,

  
Steven P. Wigmore  
Reg. No. 40,447

King & Spalding  
45<sup>th</sup> Floor, 191 Peachtree Street, N.E.  
Atlanta, GA 30303  
404.572.4600  
K&S Docket: 06935.105040